

Title (en)

BELT DRIVE FOR AUXILIARY UNITS IN AN INTERNAL COMBUSTION ENGINE

Title (de)

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Title (fr)

MECANISME D'ENTRAINEMENT PAR COURROIE POUR UNITES AUXILIAIRES D'UN MOTEUR A COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO2004048759A1] The invention relates a belt drive for auxiliary units in an internal combustion engine, provided with a friction gear (6) which is driven on the belt side and which is used to drive a separate ancillary unit (4). According to the invention, the friction gear (6) cooperates with the outer side of the belt (1) in a frictionally engaged manner in the contact area of a driving wheel (7) of the internal combustion engine or an auxiliary unit and is maintained in a permanent position of engagement with the drive wheel (5) and the belt (1) by means of a pivoting arm (9) which is mounted on an eccentric (8) which is arranged in a rotationally moveable manner on the machine side. The eccentric (8) of the adjusting device is rotationally driven as a result of a pre-tensed spring (10) and acts upon the pivoting arm (9) in the direction of traction or pressure when the pretension of the spring is directed in a corresponding manner.

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